

Amendments to the Specification

Please amend the abstract as follows:

A computer-readable medium, a device and a method for ~~the~~ quantitative assessment of quantitatively assess cardiac perfusion. A myocardium depicted on a series of cardiac images is divided into image segments~~[[,]] wherein the image segment comprises at least one image pixel. Then a~~ A cardiac perfusion parameter is determined for each of ~~[[said]] the~~ image segments. ~~Then at~~ At least one image segment with a normal perfusion parameter value is selected. ~~Subsequently The~~ cardiac perfusion parameters of the remaining image segments are normalized based on ~~[[said]] the~~ normal perfusion parameter value of said image segment with normal perfusion. ~~According to an embodiment, the~~ The perfusion parameter ~~[[is]] can be~~ a maximum upslope of a time-intensity profile for distribution of a contrast agent in said myocardium. A normal maximum upslope is derived for at least one image segment with normal perfusion and a relative maximum upslope is calculated for each other segment with relation to the normal maximum upslope. ~~Based on these values, a ratio of myocardial perfusion parameters derived at stress and myocardial perfusion parameters derived at rest for each segment may be calculated. For example a myocardial perfusion reserve index (MPRI) is calculated for each image segment as a ratio of the relative maximum upslopes derived at rest and at stress.~~

Fig. 7